

Lingling Feng

List of Publications by Year in descending order

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32
papers

828
citations

567281

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32
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32
times ranked

1120
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, synthesis, high algicidal potency, and putative mode of action of new 2-cyclopropyl-4-aminopyrimidine hydrazones. <i>Pesticide Biochemistry and Physiology</i> , 2022, 184, 105098.	3.6	6
2	Design, Synthesis, and Antifungal Activity of 2,6-Dimethyl-4-aminopyrimidine Hydrazones as PDHc-E1 Inhibitors with a Novel Binding Mode. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 5804-5817.	5.2	18
3	Identification of the New Covalent Allosteric Binding Site of Fructose-1,6-bisphosphatase with Disulfiram Derivatives toward Glucose Reduction. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 6238-6247.	6.4	17
4	Simultaneous Microcystin Degradation and <i>Microcystis aeruginosa</i> Inhibition with the Single Enzyme Microcystinase A. <i>Environmental Science & Technology</i> , 2020, 54, 8811-8820.	10.0	36
5	Synthesis and Activity of 1,2,3-Triazole Aminopyrimidines against Cyanobacteria as PDHc-E1 Competitive Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12538-12546.	5.2	16
6	Structure optimization and bioactivity evaluation of ThDP analogs targeting cyanobacterial pyruvate dehydrogenase E1. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 115159.	3.0	9
7	Discovery of novel allosteric site and covalent inhibitors of FBPase with potent hypoglycemic effects. <i>European Journal of Medicinal Chemistry</i> , 2019, 184, 111749.	5.5	13
8	Design, synthesis and algicides activities of thiourea derivatives as the novel scaffold aldolase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 805-812.	3.0	12
9	Design, synthesis and biological evaluation of novel inhibitors against cyanobacterial pyruvate dehydrogenase multienzyme complex E1. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2413-2420.	3.0	10
10	In silico screening of a novel scaffold for fructose-1,6-bisphosphatase (FBPase) inhibitors. <i>Journal of Molecular Graphics and Modelling</i> , 2019, 86, 142-148.	2.4	5
11	Design and synthesis of highly selective pyruvate dehydrogenase complex E1 inhibitors as bactericides. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 84-95.	3.0	18
12	Structure-Based Rational Design of Novel Inhibitors Against Fructose-1,6-Bisphosphate Aldolase from <i>Candida albicans</i> . <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 1426-1438.	5.4	28
13	Design, Synthesis, and Potency of Pyruvate Dehydrogenase Complex E1 Inhibitors against Cyanobacteria. <i>Biochemistry</i> , 2017, 56, 6491-6502.	2.5	13
14	New insight into the binding modes of TNP-AMP to human liver fructose-1,6-bisphosphatase. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 165, 155-160.	3.9	11
15	Discovery of a Small-Molecule BMP Sensitizer for Human Embryonic Stem Cell Differentiation. <i>Cell Reports</i> , 2016, 15, 2063-2075.	6.4	22
16	Synthesis and biological evaluation of novel inhibitors against 1,3,8-trihydroxynaphthalene reductase from <i>Magnaporthe grisea</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1225-1230.	3.0	10
17	Rational design, synthesis and biological evaluation of 1,3,4-oxadiazole pyrimidine derivatives as novel pyruvate dehydrogenase complex E1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1879-1888.	3.0	31
18	A Rational Design, Synthesis, Biological Evaluation and Structure-Activity Relationship Study of Novel Inhibitors against Cyanobacterial Fructose-1,6-bisphosphate Aldolase. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 73-81.	5.4	14

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19	Design, synthesis, biological evaluation and molecular docking of amide and sulfamide derivatives as <i>Escherichia coli</i> pyruvate dehydrogenase complex E1 inhibitors. <i>RSC Advances</i> , 2016, 6, 4310-4320.	3.6	12
20	The design, synthesis and biological evaluation of novel thiamin diphosphate analog inhibitors against the pyruvate dehydrogenase multienzyme complex E1 from <i>Escherichia coli</i> . <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8911-8918.	2.8	11
21	Structural and biochemical characterization of fructose-1,6/sedoheptulose-1,7-bisphosphatase from the cyanobacterium <i>Microcystis aeruginosa</i> strain 6803. <i>FEBS Journal</i> , 2014, 281, 916-926.	4.7	38
22	Structure-Based Design and Synthesis of Novel Dual-Target Inhibitors against Cyanobacterial Fructose-1,6-Bisphosphate Aldolase and Fructose-1,6-Bisphosphatase. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7453-7461.	5.2	24
23	Structure-Based Design and Screen of Novel Inhibitors for Class II 3-Hydroxy-3-methylglutaryl Coenzyme A Reductase from <i>Streptococcus Pneumoniae</i> . <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 1833-1841.	5.4	19
24	Design, synthesis and biological evaluation of novel 2-methylpyrimidine-4-ylamine derivatives as inhibitors of <i>Escherichia coli</i> pyruvate dehydrogenase complex E1. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 1665-1670.	3.0	39
25	Rapid Catalytic Microwave Method To Damage <i>Microcystis aeruginosa</i> with FeCl ₃ -Loaded Active Carbon. <i>Environmental Science & Technology</i> , 2011, 45, 4521-4526.	10.0	35
26	Functionalized graphene oxide modified polysebacic anhydride as drug carrier for levofloxacin controlled release. <i>RSC Advances</i> , 2011, 1, 1737.	3.6	57
27	Structure-based rational design of novel hit compounds for pyruvate dehydrogenase multienzyme complex E1 components from <i>Escherichia coli</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 7501-7506.	3.0	23
28	Specific inhibitions of annonaceous acetogenins on class II 3-hydroxy-3-methylglutaryl coenzyme A reductase from <i>Streptococcus pneumoniae</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3512-3519.	3.0	12
29	Bis(3-nitroanilinium) sulfate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1086-o1086.	0.2	3
30	Reduction in SBPase Activity by Antisense RNA in Transgenic Rice Plants: Effect on Photosynthesis, Growth, and Biomass Allocation at Different Nitrogen Levels. <i>Journal of Plant Biology</i> , 2009, 52, 382-394.	2.1	20
31	Overexpression of sedoheptulose-1,7-bisphosphatase enhances photosynthesis and growth under salt stress in transgenic rice plants. <i>Functional Plant Biology</i> , 2007, 34, 822.	2.1	93
32	Overexpression of SBPase enhances photosynthesis against high temperature stress in transgenic rice plants. <i>Plant Cell Reports</i> , 2007, 26, 1635-1646.	5.6	153